

INTERNATIONAL SEARCH REPORT

national Application No
PCT/EP2004/001434

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04L29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>WO 03/047183 A (LEPISTOE MIKA ; KOSKIAHDE TIMO (FI); NOKIA CORP (FI)) 5 June 2003 (2003-06-05) figures 2-4 page 1, lines 27-31 page 2, lines 1-32 page 3, lines 20-28 page 4, lines 13-30 page 5, lines 1-7 page 6, lines 9-26 page 7, lines 17-23 page 10, lines 3-14</p> <p style="text-align: center;">----- -/-</p>	1-16

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
 "&" document member of the same patent family

Date of the actual completion of the international search

2 August 2004

Date of mailing of the international search report

06/08/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Mircescu, A

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2004/001434

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/236914 A1 (LIU CHANGWEN) 25 December 2003 (2003-12-25) figures 1,3,4 page 1, paragraphs 12,13 page 2, paragraphs 23,25 page 3, paragraph 35 -----	1-16
A	US 2003/153325 A1 (ABROL NISCHAL ET AL) 14 August 2003 (2003-08-14) figures 1-3,11,12,17,18,20 page 2, paragraph 33-46 page 3, paragraphs 52,58 page 5, paragraph 75 page 6, paragraph 92 -----	1-16

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/001434

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
WO 03047183	A	05-06-2003	WO 03047183	A1	05-06-2003
US 2003236914	A1	25-12-2003	WO 2004002110	A1	31-12-2003
US 2003153325	A1	14-08-2003	US 2003153324	A1	14-08-2003
			WO 03069871	A1	21-08-2003